

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/010308

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.7 H01L27/10, 21/82, 29/786, 21/336

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.7 H01L27/10, 21/82, 29/786, 21/336

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
 Published unexamined utility model applications of Japan 1971-2005
 Registered utility model specifications of Japan 1996-2005
 Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 1996/007300 A2 (PHILIPS ELECTRONICS N.V.) 1996.03.07 a whole document &EP 724777 A1 &JP 9-504657 A &US 5798534 A &DE 69513628 E &KR 361395 B	1-16
A	JP 4-28249 A (NEC ELECTRONICS CORPORATION) 1992.01.30 a whole document (family:none)	1-16
A	JP 56-44198 A (FUJITSU LIMITED) 1981.04.23 a whole document (family:none)	1-16

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

24.08.2005

Date of mailing of the international search report

13.09.2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 4-373147 A (NIPPON STEEL CORPORATION) 1992.12.25 a whole document (family:none)	1-16

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